

FIG. 1

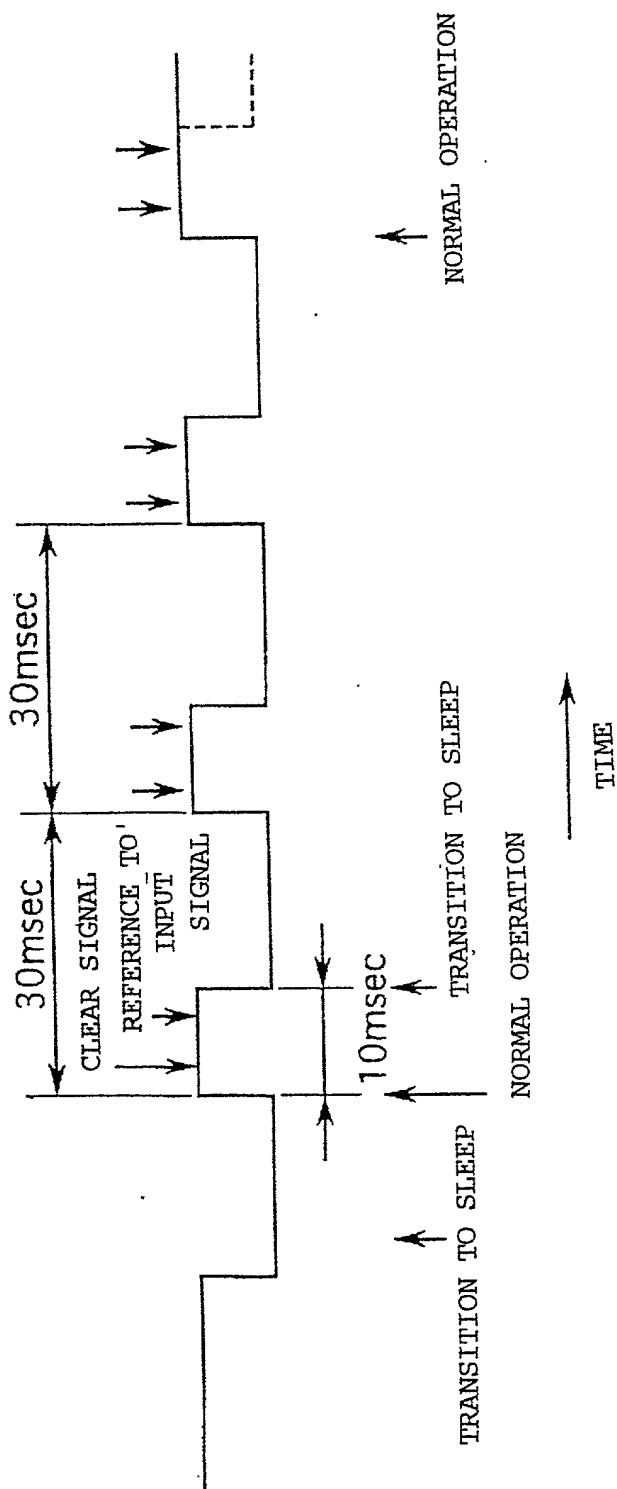


FIG. 2

```

graph TD
    Start([MAIN PROCESSING]) --> S1[S1 EXECUTE NORMAL PROCESSING]
    S1 --> S2{S2 TRANSITION TO LOW-POWER MODE?}
    S2 -- NO --> S1
    S2 -- YES --> S3[S3 EXECUTE LOW-POWER MODE PROCESSING]
    S3 --> S4{S4 CHANGE IN INPUT?}
    S4 -- NO --> S3
    S4 -- YES --> S1

```

FIG. 3

FIG. 3

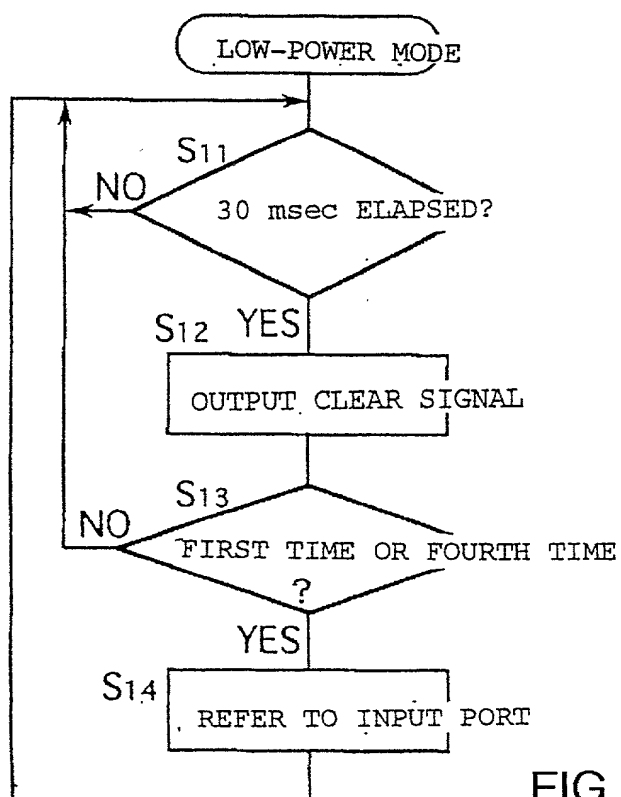


FIG. 4

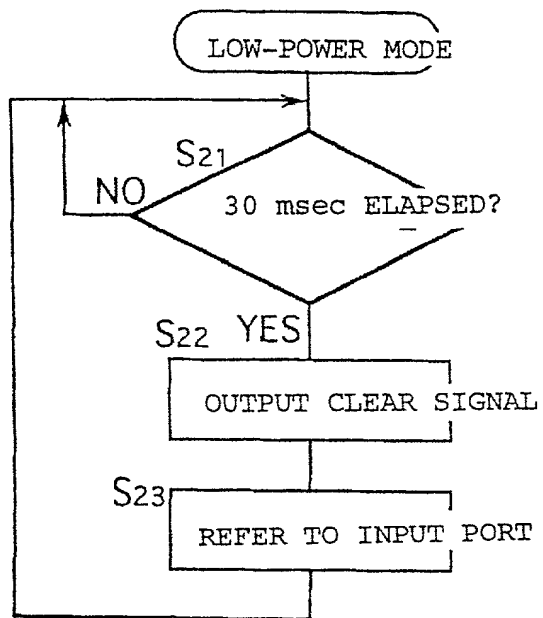


FIG. 6
(PRIOR ART)